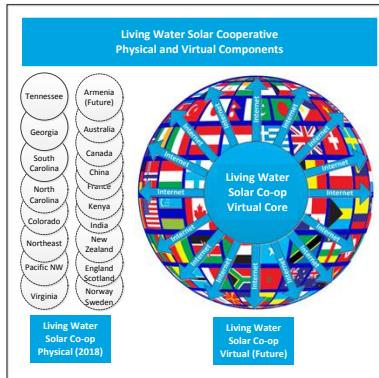


The **Living Water Solar Cooperative**, or **LWSC**, is a newly formed non-profit, research and development organization. It is chartered in the State of Tennessee, USA and headquartered in Chattanooga. We are a faith-based organization founded by Christians and receptive to people of all nations, cultures and beliefs.

Our primary purpose is to advance renewable energy and resources world-wide. We believe this will improve the lives of a great many people. We believe the sun, wind and other natural resources are gifts from God, and come with the responsibility to be the best possible stewards of these free gifts.



Our primary goal is to improve the daily lives of a billion people by helping them find clean, affordable power and water. We plan to meet this goal within ten years. Clearly, we cannot meet this goal without your help.

Solving global problems requires a global reach. We are growing LWSC both physically and virtually. The **physical part is just getting underway** and the first renewable energy and resource projects have begun. These are described in later chapters.

Successful projects require many skills LWSC founders do not have. These skills can only come from members who choose to join together

with us and with each other. Some are in our local community, but many are around the globe. Expanding projects to include experiments and construction in many countries is among our highest priorities.

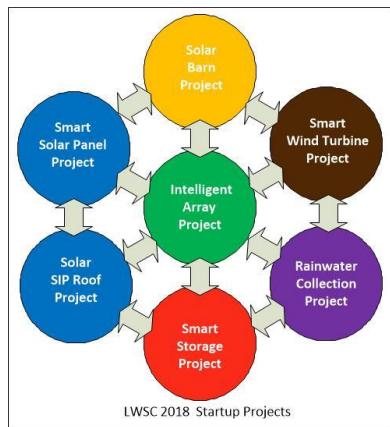


The virtual part of LWSC is also just beginning. The Internet provides a way to find and combine people from different cultures and continents. LWSC is reaching out locally and globally to nurture relationships and help them grow into life-long friendships. We are developing the electronic “glue” needed to bring members together, regardless of location, to create next generation renewable energy and resource products, systems and solutions. You can become a LWSC member today. Members gain access to “private” information and each other that is not shared with the public, providing a nurturing environment to let creativity and innovation blossom.

Gaining awareness and acceptance of these ground-breaking technologies requires communication at the local, regional and global levels. LWSC will use the Internet and other media to inform and educate as many people as possible, spreading the word about God’s gifts.

LWSC founders are Americans. We recognize that we live in a wealthy nation where energy is readily available and food is abundant and inexpensive. We also recognize that America is only 5% of the world’s population. Many of the concepts and technologies being developed will find application in other parts of the world before they enter America’s mainstream marketplace. But within America there are many less fortunate who could benefit greatly from renewable energy and resources. This poses a challenge right here on our own doorstep, where those who could benefit the most from renewable energy and resources can afford it the least. Solving this problem is one of LWSC’s highest priorities.

Research and development projects are LWSC's main problem-solving tool. We have seven projects planned for 2018, and three have just begun. These are described in more detail in later chapters.



We believe there are two approaches to technology development: **“Top-Down” and “Bottom-Up”**. We understand and respect people and organizations that are bringing top-down, “Big Solutions to Big Problems”. LWSC is focused on the “Bottom-Up” approach that starts at the individual and village levels, and grow to state and regional levels. We believe both approaches are needed to achieve our goals globally.

LWSC projects focus on developing next generation renewable energy and resource technologies. Each project has individual goals and objectives, but they are closely interrelated. Their primary goal is pioneering new concepts and ideas that will provide new paths for green solutions to gain wider acceptance. Once you become a LWSC member

you are eligible to join one or more on-going projects or propose a new project of your own.

In every case success requires the **new technologies “do more and cost less”** when compared to current baseline, often fossil fuel-based alternatives. Every project is tasked with developing two solution levels: “High Tech” and “Low Tech”. High tech products, systems, and solutions are targeted at wealthy consumers, nations and governments. They are to produce maximum results which may also carry large price tags. Low Tech versions are targeted at the economically challenged who represent the largest number of people on our planet by a wide margin. A key requirement of Low Tech versions is being able to be manufactured, installed, operated and maintained by local people using local materials to lower costs.

LWSC is focused on sparking creativity and igniting innovation. We are sponsoring a series of “Design Cookoffs” that are designed to foster a highly creative environment. They challenge members to join together into teams and compete with each other. Several cookoffs described in detail in later sections.

LWSC is a cooperative, not a corporation or foundation. All members have one vote, and a member paying a \$30 membership fee is an equal partner and has the same rights as a corporate partner contributing thousands. Being non-profit, excess income is distributed to the membership at the end of each year. The majority of the funds will be used to fund new and existing research teams and their projects. Funds allocation will be determined by the members through online voting.

Our Faith Statement

C. S. Lewis returned to Christianity in 1931 after years of atheism and depression following his military service in the trenches during World War I. Borrowing loosely from his writings we find:

“If God is not real the concept is meaningless; If God is real it is the most important fact in the universe”.

Like C. S. Lewis, LWSC founders have found our way to God, each in our own way. We are excited about you joining our journey! Our thoughts and prayers go with you as we go forward together.